

ABSTRACT

The wet-responsive fiber of the invention has a monofilament formed from a resin composition comprising a resin having an anionic group, a resin having a cationic group, and optionally, a resin as a base. The fiber can be produced by melting and kneading a resin composition comprising a resin having an anionic group, a resin having a cationic group, and optionally, a base resin, and then conducting spinning. The nonwoven fabric of the invention comprises fibers of a resin composition comprising a cationic resin, an anionic resin, and optionally, a regenerated cellulose. The nonwoven fabric can be used as a body fluid absorber or a wet tissue. The nonwoven fabric has water decomposability and is disposable.

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1